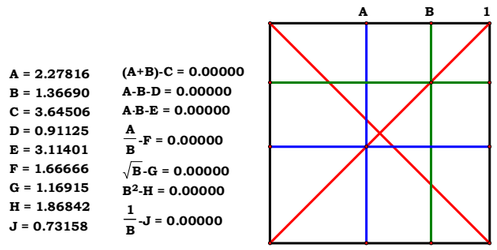
Mathematical Codex Discovered!

Tuesday, December 14, 2021

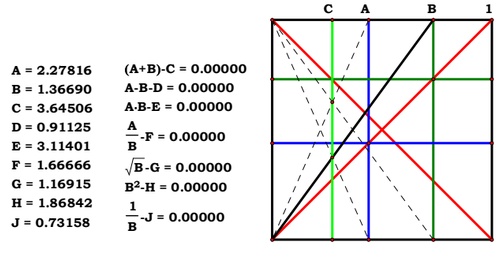
A recent archeological discovery of a Euclidean Solar Powered Computer, complete with display, has taken the mathematical world by surprise. Many claim that it is not human technology, but alien and is proof that aliens once lived on earth.

It appears that this Euclidean Solar powered Calculator is capable of Addition, Subtraction, Multiplication, Division, Square, Square Root, and Reciprocal. Here is a reconstruction of the device which has been recently uncovered in a forgotten sheaf of paper, buried under a mountain of bureaucratic bull-shit.



So, let me show how to use just the straightedge for most of these.

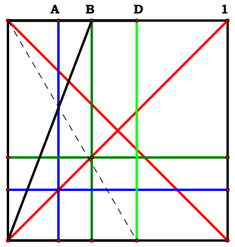
Addition:



Subtraction:

A = 4.33836
B = 2.63593
C = 6.97429
D = 1.70244
E = 11.43562
F = 1.64586
G = 1.62355
H = 6.94812
J = 0.37937

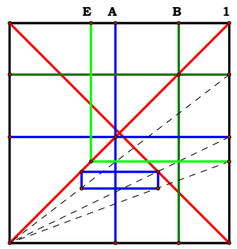
(A+B)-C = 0.00000
A-B-D = 0.00000
A·B-E = 0.00000
$\frac{A}{B}$-F = 0.00000
$\sqrt{B}$-G = 0.00000
B^2-H = 0.00000
$\frac{1}{B}$-J = 0.00000



Multiplication:

A = 2.07435
B = 1.30290
C = 3.37724
D = 0.77145
E = 2.70266
F = 1.59211
G = 1.14144
H = 1.69754
J = 0.76752

(A+B)-C = 0.00000
A-B-D = 0.00000
A·B-E = 0.00000
$\frac{A}{B}$-F = 0.00000
$\sqrt{B}$-G = 0.00000
B^2-H = 0.00000
$\frac{1}{B}$-J = 0.00000



Division:

A = 2.07435
B = 1.30290
C = 3.37724
D = 0.77145
E = 2.70266
F = 1.59211
G = 1.14144
H = 1.69754
J = 0.76752

(A+B)-C = 0.00000
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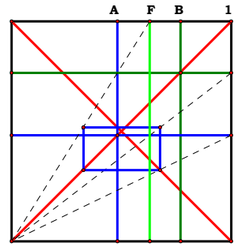
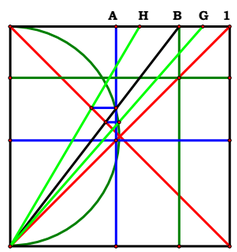
A·B-E = 0.00000
$\frac{A}{B}$-F = 0.00000
$\sqrt{B}$-G = 0.00000
B^2-H = 0.00000
$\frac{1}{B}$-J = 0.00000



Square and Square Root:

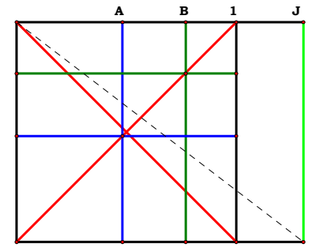
A = 2.07435
B = 1.30290
C = 3.37724
D = 0.77145
E = 2.70266
F = 1.59211
G = 1.14144
H = 1.69754
J = 0.76752

(A+B)-C = 0.00000
A-B-D = 0.00000
A·B-E = 0.00000
$\frac{A}{B}$-F = 0.00000
$\sqrt{B}$-G = 0.00000
B^2-H = 0.00000
$\frac{1}{B}$-J = 0.00000



A = 2.07435
B = 1.30290
C = 3.37724
D = 0.77145
E = 2.70266
F = 1.59211
G = 1.14144
H = 1.69754
J = 0.76752

(A+B)-C = 0.00000
A-B-D = 0.00000
A-B-E = 0.00000
$\frac{A}{B}$-F = 0.00000
$\sqrt{B}$-G = 0.00000
B^2-H = 0.00000
$\frac{1}{B}$-J = 0.00000

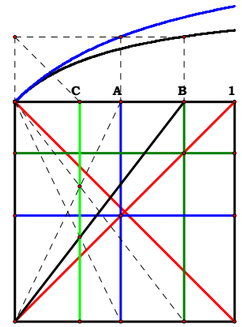


And lastly, the Reciprocal:

The solar powered display of this device is likewise remarkable, especially since no other trace of it has been unearthed before. One can actually use the calculator to draw equations, and, even project their wave forms like so.

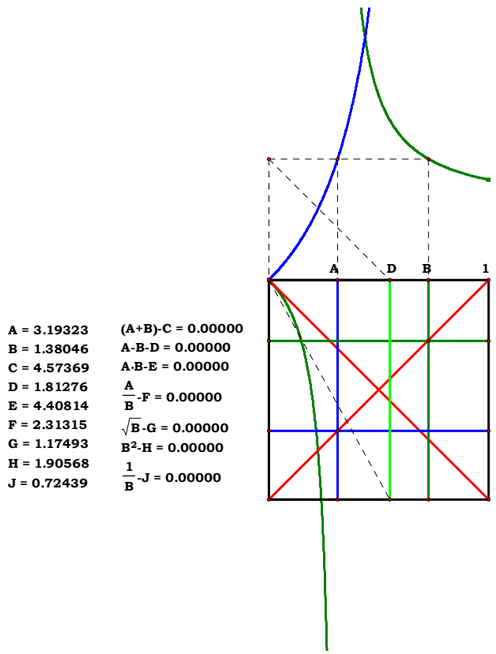
A = 2.07435
B = 1.30290
C = 3.37724
D = 0.77145
E = 2.70266
F = 1.59211
G = 1.14144
H = 1.69754
J = 0.76752

(A+B)-C = 0.00000
A-B-D = 0.00000
A-B-E = 0.00000
$\frac{A}{B}$-F = 0.00000
$\sqrt{B}$-G = 0.00000
B^2-H = 0.00000
$\frac{1}{B}$-J = 0.00000

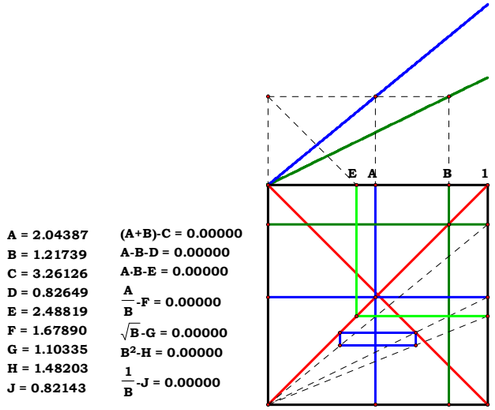


Addition:

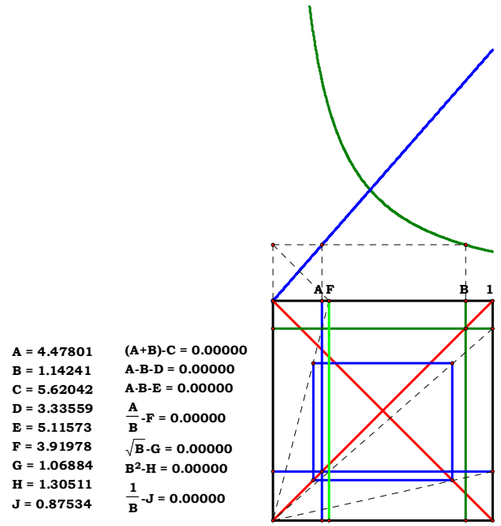
Subtraction:



Multiplication:



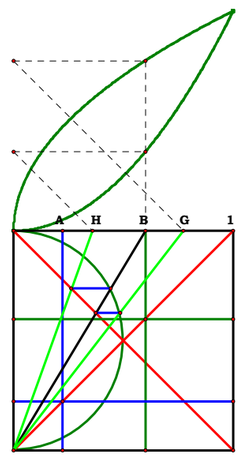
Division:



A = 4.47801
B = 1.14241
C = 5.62042
D = 3.33559
E = 5.11573
F = 3.91978
G = 1.06884
H = 1.30511
J = 0.87534

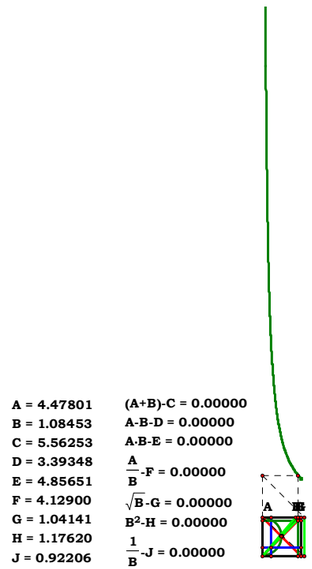
(A+B)-C = 0.00000
A-B-D = 0.00000
A·B-E = 0.00000
$\frac{A}{B}$-F = 0.00000
$\sqrt{B}$-G = 0.00000
B^2-H = 0.00000
$\frac{1}{B}$-J = 0.00000

Square and Root:



A = 4.47801
B = 1.67055
C = 6.14856
D = 2.80746
E = 7.48074
F = 2.68056
G = 1.29250
H = 2.79074
J = 0.59860

(A+B)-C = 0.00000
A-B-D = 0.00000
A·B-E = 0.00000
$\frac{A}{B}$-F = 0.00000
$\sqrt{B}$-G = 0.00000
B^2-H = 0.00000
$\frac{1}{B}$-J = 0.00000



And Reciprocal:

This Euclidean Solar Powered Computer is on display at the In situ Institute of Moctology located in Virginia.

Along with the device appears to be the rudiments of plans to actually build a full-fledged computer and it starts with a remarkably simple no-nonsense doctrine.

The geometric name for a thing is:

and like every grammar, is made for binary recursion.

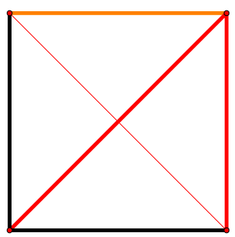
Every system of grammar, by the application of binary, pairs a logic with an analogic. We have three logical systems of grammar: Common Grammar, Arithmetic and Algebra to pair to the metaphorical analogic of geometry and we pair these as exampled.

Arithmetic example:

Algebraic example:

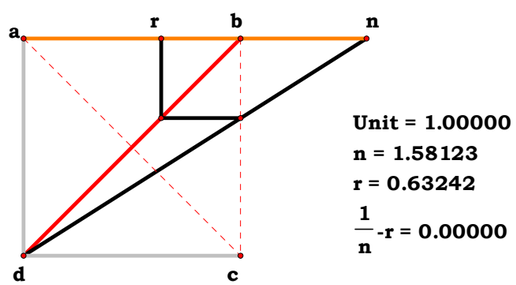
Common Grammar examples: **Off** **On** **Off** **Nothing** **part of** **Soime Thing**

Our ability to manipulate the metaphorical thing is accomplished by real operations which we pair to our thing and by doing so, we create a binary pair of the virtual thing with a thing capable of real operations, it becomes a unit of grammar;



With our grammatical unit we can formulate the whole of geometry which uses our available operations. These operations are often called mathematical, even though they are identical in all our systems of grammar.

Grammar is used for the complete induction and deduction of some one thing. By placing a point on the thick diagonal in the figure, one can produce everything both inductively and deductively in the following manner.

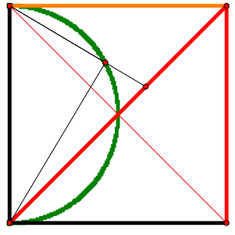


ab is our unit and a point on bd by the use of perpendiculars can produce any value n, or number, and its reciprocal r.

One will notice that each point has four operational tails, for example b has b itself which may be drawn to any working point in the glyph, i.e. defined in situ, db, bc and ac. These operational tails will produce the whole of our grammar system.

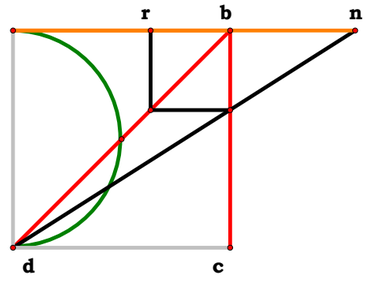
One may notice that the operant tail can be used to move circles and change their size during operations and can function like levers or bouncing light waves, the algebra does not mind.

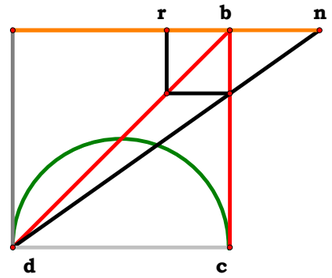
Using just these segments, let us construct a semicircle.



A circle is often called a loci, but if one were to use a biological metaphor, it is memory and just like memory, loci can be used for further reasoning and demonstrations. We can produce this circle any time we wish to use it, however, it is convenient to use it already present in the figure. I use it in three distinct templates.

Swords on the Moon:

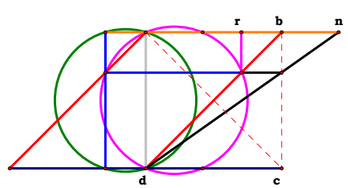




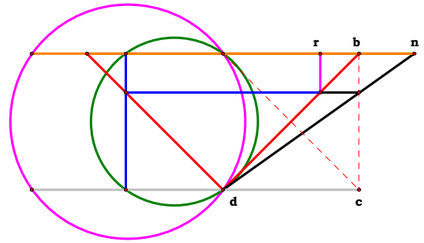
Observatory:

There are three non-result line operational tails and two diagonals by which one can move a circle which makes, for this work, six different templates for Roll Away the Stone.

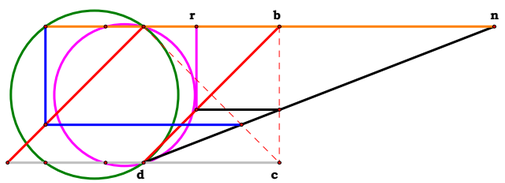
Roll Away the Stone 1:



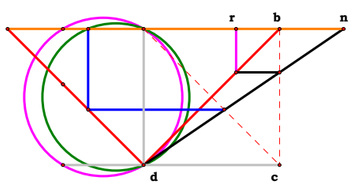
Roll Away the Stone 2:



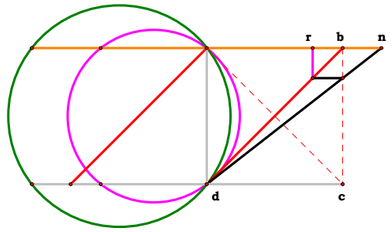
Roll Away the Stone 3:



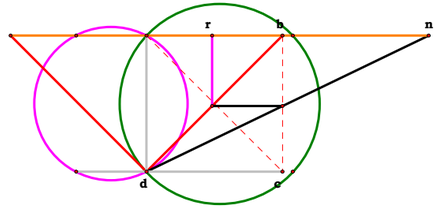
Roll Away the Stone 4:



Roll Away the Stone 5:



Roll Away the Stone 6:

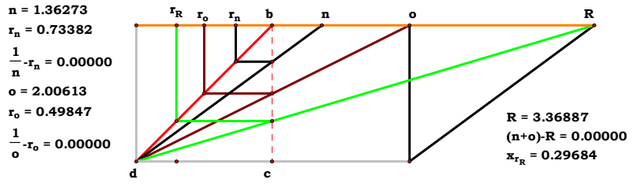


In this particular work, I only use RS3.

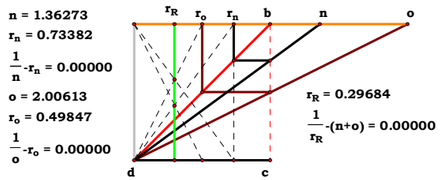
One thing to remember, call them loci or residual memory, they can also be recursively used, and I start with their use in solving equations and in doing exponential manipulation using any exponent, or even equation. If a person cannot do what a mind is supposed to do, turn the perceptible into an intelligible, like a compass into a loci, then that is their problem, let them argue with themselves. This grammar constructs and can recursively use, residual memory which has always been an historical fact.

In order to better understand our operations using Jacob's Ladder, I will perform some of those operations using two values.

Addition by induction.

By Induction: 

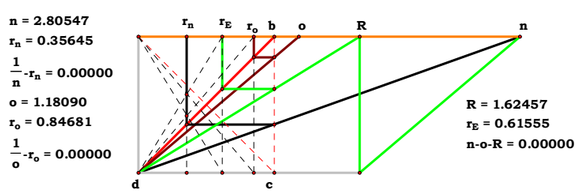
we simply parallel a descending operational tail in front of the other value. Is there a deductive method of adding these two values?



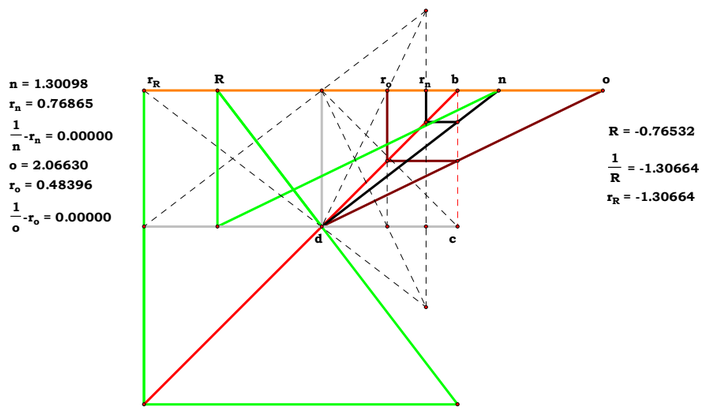
Addition by deduction.

Subtraction is where things get colorful as, we know, one can end up with a deficit, or values less than 1 or even 0. This is where one learns to leave their operational tails full until after the plate is finished, otherwise, things tend to fall off the map.

Subtraction by Induction and Deduction.



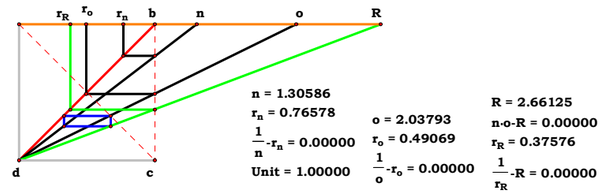
If our subtracted value leaves enough, we do not notice anything. We project deductively the larger value through perpendicular of the smaller, and use the intersections to project the reciprocal. But, if the value ends up as a deficit....



the reciprocal will actually be farther from zero than the value. As one can see, the projection has no problem with it, but trying to interpret what we

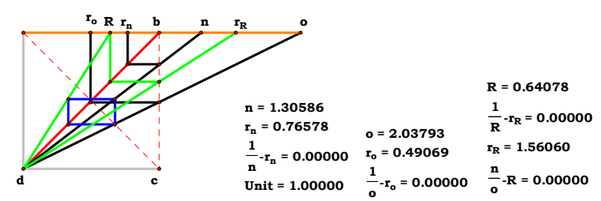
see can often take a little time. It is, however, operations with reciprocals which help remind you that there is a very big difference between a reciprocal and a fraction.

Multiplication is fairly straightforward and the same operation can form both inductive and deductive result, if one just want one or the other.

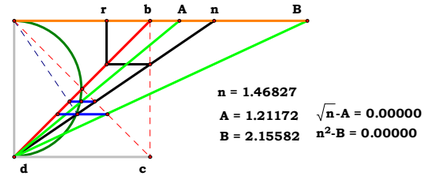


If one is familiar with Theaetetus, then one will recognize the rectangle to form numbers with.

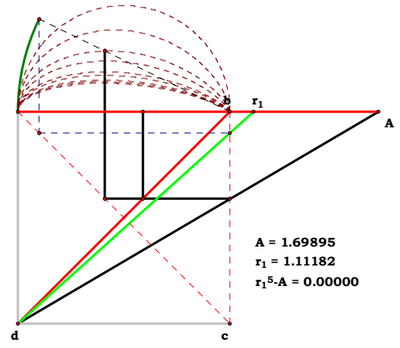
For division, I am simply going to flip the box.



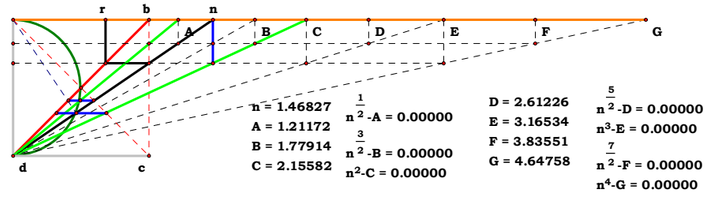
Next is the square and the square root and I will defer to a Swords on the Moon template.



If one would like to learn how to do any root that work is currently in the *Chronic Sections* project files on the Internet Archive but the template addon looks like this showing the 5th root of A….



For a very short introduction to geometric recursion....



One can see by these plates, geometry was made for the math just like every other system of grammar, however, the big boys of mathematics are still scribbling and telling their puerile yarns. It is kind of sad that someone claims to be able to predict everything about the Universe, but don't know what their own pencil is doing.

However, at this time, this translation is highly contested and may suffer radical changes as experts in the field of Moctology continue to examine this remarkable device.

At this time, one can view the device without having to purchase tickets on-line and the Institutes hours of operation are commensurable with a fresh pot of coffee at any hour of the day.